

**Notice of Allowability**

Application No.

09/746,168

Examiner

James K. Trujillo

Applicant(s)

SARANGI ET AL.

Art Unit

2116

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to interview dated 26 October 2004.
2. ☒ The allowed claim(s) is/are 1-8,10-13 and 16-20 (renumbered as 1-17).
3. ☒ The drawings filed on 21 March 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)                                  |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date <u>10272004</u> . |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment  |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance                         |
|   | 9. <input type="checkbox"/> Other _____  |

### **DETAILED ACTION**

1. The office acknowledges the receipt of the following and placed of record in the file:

Amendment 8/9/04.

#### ***Allowable Subject Matter***

2. Claims 1-8, 10-13 and 16-20 are allowed.

### **EXAMINER'S AMENDMENT**

3. An examiner's amendment to the record appears below. Should changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Jan Little-Washington, Reg. No. 41,181 on 26 October 2004.

4. The application has been amended as follows:
  - a. In the claims:
    - i. Claim 6, on line 7, following "occurs" please insert, --, wherein the predetermined event is when power to the programmable fuse block is valid and stable--.

- ii. Cancel claim 9.
- iii. Cancel claim 14.
- iv. Cancel claim 15.

b. Pursuant to MPEP 606.01, the title has been changed to read:

-- Method and Apparatus to ensure proper voltage and frequency configuration signals are defined before applying power to processor --

5. The following is an examiner's statement of reasons for allowance:

Applicant's arguments, see page 7 second paragraph and 8 third paragraph, filed August 6, 2004, with respect to claim 1, 9, 11 and 16 have been fully considered and are persuasive. The rejection of claim 11 has been withdrawn.

Specifically, claim 11 recites that the "fuse block" is "determined to have a proper voltage". The examiner has also noted the following: claim 1 also contains the similar recitation; claim 9 recites "when power to the programmable fuse block is valid and stable"; and in a similar limitation claim 16 recites "a processor block with at least one configuration has reached a threshold level."

In view of the above arguments further searching of new art was required. U.S. Pat. No. 6,772,356 to Qureshi et al. teaches an apparatus that uses fuse blocks to determine the voltage to be applied to a processor (a configuration). Qureshi uses logic coupled to the processor to read the configuration and generate a value (a voltage) specified by the configuration signal. Qureshi further teaches preventing voltage from being supplied to a processor until a predetermined event occurs (a reset; figure 6 and corresponding text). However, Qureshi fails to teach or even suggest either alone or in combination with other prior art that the fuse block is determined to

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have a proper supply voltage level that the power is valid and stable or has reached a threshold voltage.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### *Conclusion*

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to James K. Trujillo whose telephone number is (571) 272-3677. The examiner can normally be reached on M-F (7:30 am - 5:00 pm) First Friday Off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynne Browne can be reached on (571) 272-3670. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

James Trujillo  
October 28, 2004

  
LYNNE H. BROWNE  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 3600 2100